

**IN THE CLAIMS:**

Please cancel claim 22; and, amend the remaining claims as follows:

1. (Previously Presented) A method of allocating a plurality of computing resources among a plurality of users, comprising:

collecting a plurality of performance data including a time percentage in which a computing resource is engaged in excessive paging activity;

applying a plurality of policy rules to the collected performance data;

analyzing the collected performance data to determine if there exists an actionable item;

if an actionable item exists, applying a plurality of metrics including a job description and job level of a user to filter the collected performance data; and

automatically allocating the computing resources from an automatic hardware of a resource allocator by at least one action based on the actionable item using the collected performance data that has been filtered: upgrading a component, replacing the component, upgrading the computing resource, and replacing the computing resource.

2. (Cancelled).

3. (Original) The method of claim 1, wherein the collected performance data comprises a time percentage in which the computing resource is engaged in excessive CPU utilization.

4. (Original) The method of claim 1, wherein the collected performance data comprises a time percentage in which the computing resource is constrained by input/output devices.
5. (Original) The method of claim 4, wherein the collected performance data comprises an association of a plurality of time percentages with an application process operating on the computing resource.
6. (Original) The method of claim 1, wherein collecting the performance data comprises logging a plurality of events occurring on the computing resource.
7. (Original) The method of claim 1, wherein collecting the performance data comprises logging a plurality of errors experienced by the computing resource.
- 8-9. (Cancelled).
10. (Previously Presented) The method of claim 1, wherein the plurality of metrics comprise an allowable component performance of the component correlated with the job description and job level of the user.

11. (Previously Presented) The method of claim 1, wherein the plurality of metrics comprise an allowable system performance of the computing resource correlated with the job description and job level of the user.

12. (Previously Presented) A method for identifying an optimum allocation of a plurality of component resources and a plurality of computing resources amongst a plurality of users, the method comprising:

specifying a set of requirements for the optimum allocation of the component resources and the computing resources;

identifying a first set of metrics that indicate a performance level at which a component resources and computing resources are replaced;

identifying a second set of metrics that indicate a performance level at which the component resources and the computing resources are upgraded;

correlating the first set of metrics and the second set of metrics with a user's job description and user's job level to create a metrics table;

invoking an automatic hardware allocation utility of a resource allocator, wherein the first set of metrics, the second set of metrics and the metrics table are used in to the automatic hardware allocation utility for consideration; and

receiving an optimum allocation of the component resources and the computing resources from the automatic hardware allocation utility, wherein the specified set of requirements are satisfied.

13. (Previously Presented) The method of claim 12, further comprising collecting a plurality of performance data including a time percentage in which a computing resource is engaged in excessive paging activity; and wherein the collected performance data comprises an association of a plurality of time percentages with an application process operating on the computing resource.

14. (Original) The method of claim 13, wherein collecting the performance data comprises logging a plurality of events occurring on the computing resource.

15. (Original) The method of claim 13, wherein collecting the performance data comprises logging a plurality of errors experienced by the computing resource.

16-17. (Cancelled).

18. (Previously Presented) The method of claim 12, wherein any one of the first set of metrics and the second set of metrics comprises an allowable component performance of the component resource correlated with the user's job description and job level.

19. (Previously Presented) The method of claim 12, wherein any one of the first set of metrics and the second set of metrics comprises an allowable system performance of the computing resource correlated with the user's job description and job level.

20. (Original) The method of claim 13, further comprising analyzing the collected performance data to determine if there exists an actionable item; if an actionable item exists, applying a plurality of metrics to filter the collected performance data; and automatically allocating the computing resources by at least one action based on the actionable item: upgrading a component, replacing the component, upgrading the computing resource, and replacing the computing resource.

21. (Currently Amended) A computer system for allocating a plurality of computing resources among a plurality of users, comprising:

a performance agent

that collects a plurality of performance data including a time percentage in which a computing resource is engaged in excessive paging activity and

that applies a plurality of policy rules to the collected performance data;

an automatic hardware of a resource allocator analyzes the collected performance data to determine if there exists an actionable item;

if an actionable item exists, a resource identification module applies a plurality of metrics including a job description and job level of a user to filter the collected performance data; and

the automatic hardware of the resource allocator automatically allocates the computing resources by at least one action based on the actionable item using the collected performance data that has been filtered: upgrading a component, replacing the component, upgrading the computing resource, and replacing the computing resource.

22. (Cancelled).

23. (Original) The system of claim 21, wherein the collected performance data comprises a time percentage in which the computing resource is engaged in excessive CPU utilization.

24. (Original) The system of claim 21, wherein the collected performance data comprises a time percentage in which the computing resource is constrained by input/output devices.

25. (Original) The system of claim 24, wherein the collected performance data comprises an association of a plurality of time percentages with an application process operating on the computing resource.

26. (Original) The system of claim 21, wherein the performance agent logs a plurality of events occurring on the computing resource.

27. (Original) The system of claim 21, wherein the performance agent logs a plurality of errors experienced by the computing resource.

28. (Cancelled).

29. (Previously Presented) The system of claim 21, wherein the plurality of metrics comprise an allowable component performance of the component correlated with the job description and job level of the user.

30. (Previously Presented) The system of claim 21, wherein the plurality of metrics comprise an allowable system performance of the computing resource correlated with the job description and job level of the user.

31. (Previously Presented) The method of claim 1, wherein a level of said excessive paging activity is determined based on the job description of the user.

32. (Previously Presented) The method of claim 1, wherein a level of said excessive paging activity is determined based on the job level of the user.

33. (Previously Presented) The method of claim 13, wherein a level of said excessive paging activity is determined based on the job description of the user.

34. (Previously Presented) The method of claim 13, wherein a level of said excessive paging activity is determined based on the job level of the user.

35. (Previously Presented) The system of claim 21, wherein a level of said excessive paging activity is determined based on the job description of the user.

36. (Previously Presented) The system of claim 21, wherein a level of said excessive paging activity is determined based on the job level of the user.